

# ENTERED



PCT

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/831,452

DATE: 03/27/2003

TIME: 12:02:32

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF4\03272003\I831452.raw

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3 <110> APPLICANT: SUGAMURA, Kazuo
4   TANAKA, Nobuyuki
6 <120> TITLE OF INVENTION: Protein AMSH and cDNA thereof
8 <130> FILE REFERENCE: 2001-0572A/LC/00653
10 <140> CURRENT APPLICATION NUMBER: 09/831,452
11 <141> CURRENT FILING DATE: 2001-07-10
13 <150> PRIOR APPLICATION NUMBER: PCT/JP99/06309
14 <151> PRIOR FILING DATE: 1999-11-12
16 <150> PRIOR APPLICATION NUMBER: JP No. 10-322674
17 <151> PRIOR FILING DATE: 1998-11-12
19 <160> NUMBER OF SEQ ID NOS: 4
21 <170> SOFTWARE: PatentIn Ver. 2.0
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25 <212> TYPE: PRT
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37 Lys Tyr Ile Thr Leu Phe Ile Glu Lys Leu Pro Lys His Arg Asp Tyr
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43 Arg Tyr Thr Lys Glu Tyr Thr Glu Tyr Asn Glu Glu Lys Lys Lys Glu
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50           165          170          175
51 Glu Arg Leu Lys Ile Val Gln Glu Phe Gly Lys Val Asp Pro Gly Leu
52           180          185          190
53 Gly Gly Pro Leu Val Pro Asp Leu Glu Lys Pro Ser Leu Asp Val Phe
54           195          200          205

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58 225                      230                      235                      240
59 Ala Leu Ser Asn Ser Glu Ser Ile Pro Thr Ile Asp Gly Leu Arg His
60      245                      250                      255
61 Val Val Val Pro Gly Arg Leu Cys Pro Gln Phe Leu Gln Leu Ala Ser
62      260                      265                      270
63 Ala Asn Thr Ala Arg Gly Val Glu Thr Cys Gly Ile Leu Cys Gly Lys
64      275                      280                      285
65 Leu Met Arg Asn Glu Phe Thr Ile Thr His Val Leu Ile Pro Lys Gln
66      290                      295                      300
67 Ser Ala Gly Ser Asp Tyr Cys Asn Thr Glu Asn Glu Glu Glu Leu Phe
68 305                      310                      315                      320
69 Leu Ile Gln Asp Gln Gln Gly Leu Ile Thr Leu Gly Trp Ile His Thr
70      325                      330                      335
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73 Cys Ser Tyr Gln Met Met Leu Pro Glu Ser Val Ala Ile Val Cys Ser
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75 Pro Lys Phe Gln Glu Thr Gly Phe Phe Lys Leu Thr Asp His Gly Leu
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127 &lt;210&gt; SEQ ID NO: 3

128 &lt;211&gt; LENGTH: 424

129 &lt;212&gt; TYPE: PRT

130 &lt;213&gt; ORGANISM: mouse

132 &lt;400&gt; SEQUENCE: 3

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133 Met Ser Asp His Gly Asp Val Ser Leu Pro Pro Gln Asp Arg Val Arg
134   1           5           10           15
135 Ile Leu Ser Gln Leu Gly Ser Ala Val Glu Leu Asn Glu Asp Ile Pro
136           20           25           30
137 Pro Arg Arg Tyr Tyr Arg Ser Gly Val Glu Ile Ile Arg Met Ala Ser
138           35           40           45
139 Val Tyr Ser Glu Glu Gly Asn Ile Glu His Ala Phe Ile Leu Tyr Asn
140           50           55           60
141 Lys Tyr Ile Thr Leu Phe Ile Glu Lys Leu Pro Lys His Arg Asp Tyr
142           65           70           75           80
143 Lys Ser Ala Ile Ile Pro Glu Lys Lys Asp Ala Val Lys Lys Leu Lys
144           85           90           95
145 Ser Val Ala Phe Pro Lys Ala Glu Glu Leu Lys Thr Glu Leu Leu Arg
146           100          105          110
147 Arg Tyr Thr Lys Glu Tyr Glu Gln Tyr Lys Glu Arg Lys Lys Lys Glu
148           115          120          125
149 Glu Glu Glu Leu Ala Arg Asn Ile Ala Ile Gln Gln Glu Leu Glu Lys
150           130          135          140
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152           145          150          155          160
153 Gln Phe His Ala Phe Glu Glu Met Ile Gln Arg Gln Glu Leu Glu Lys
154           165          170          175
155 Glu Arg Leu Lys Ile Val Gln Glu Phe Gly Lys Val Asp Pro Gly Pro
156           180          185          190
157 Cys Gly Pro Leu Leu Pro Asp Leu Glu Lys Pro Cys Val Asp Val Ala

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158          195          200          205
159 Pro Ser Ser Pro Phe Ser Pro Thr Gln Thr Pro Asp Cys Asn Thr Gly
160      210          215          220
161 Met Arg Pro Ala Lys Pro Pro Val Val Asp Arg Ser Leu Lys Pro Gly
162 225          230          235          240
163 Ala Leu Ser Val Ile Glu Asn Val Pro Thr Ile Glu Gly Leu Arg His
164          245          250          255
165 Ile Val Val Pro Arg Asn Leu Cys Ser Glu Phe Leu Gln Leu Ala Ser
166          260          265          270
167 Ala Asn Thr Ala Lys Gly Ile Glu Thr Cys Gly Val Leu Cys Gly Lys
168          275          280          285
169 Leu Met Arg Asn Glu Phe Thr Ile Thr His Val Leu Ile Pro Arg Gln
170      290          295          300
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172 305          310          315          320
173 Phe Met Gln Asp Asp Leu Gly Leu Leu Thr Leu Gly Trp Ile His Thr
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176          340          345          350
177 Cys Ser Tyr Gln Met Met Leu Pro Glu Ser Ile Ala Ile Val Cys Ser
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212 tctgtgctca gaatttctcc agcttgccag tgccaatacc gccaaaggca ttgaaacctg 900
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VERIFICATION SUMMARY

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